[FAST, BLIND EQUALIZATION TECHNIQUES USING RELIABLE SYMBOLS]

Abstract of Disclosure

A fast equalization technique is disclosed for systems using high-order constellations where symbols have been corrupted by data correlated noise (ISI). The technique permits ISI estimation to begin immediately upon receipt of captured samples. Training symbols are not required for the operation of the equalization technique. ISI estimation is weighted in accordance to a reliability factor of each captured sample.